



3D PRINTER

# DW 028XLHR

The best quality in a desktop format.

NEW TECHNOLOGY UPGRADE INTRODUCED



## DW 3D printers

The professional 3D printers of the DW line are medium-small in size and are distinguished by the extremely high quality finish and precision of the produced parts. Recommended for medium to low production volumes.

### PRODUCT DESCRIPTION

The DW 028XLHR is a professional desktop 3D printer, ideal for creating models for **jewelry** and **fashion accessories**. Compact and easy to integrate into any workshop, it allows small and medium-sized businesses to manufacture detailed and complex products in-house. It is possible to create models with undercuts, cavities, and fine details, all with exceptionally high aesthetic quality.

Thanks to the recent **technological upgrade**, maintenance costs have been drastically reduced: it is now sufficient to replace the film at the bottom of the metal tank, without needing to replace the entire tank. The new system ensures **greater repeatability**, **improved precision**, and significantly **higher print quality** compared to the previous version.

It also allows for a **broader range of compatible materials**, including the recently introduced high-performance resins. With a build area of **100×100×100 mm**, it enables the production of up to 150 models per day. It's a reliable, cost-effective solution designed for daily use in the lab.



1 Solid State BluEdge® laser source



New Technological Upgrade



Desktop format



Equipped with external PC

## Technical specifications

Technology	Laser Stereolithography (SLA)
Working Area	(x)100 x (y)100 x (z)100 mm
Laser source	Solid State BlueEdge® - Single
Slice Thickness	10-100 microns (mechanical resolution, the actual value depends on the material used)
Metodo di scansione	Galvanometer
Software	Fictor® and Nauta® +
Input Format File	.stl - .slc - .nauta - .fictor - .mkr - .3dm - .3ds - .ply - .obj - .lwo - .x
Machine size	380 x 515 x 733 mm
Weight	56 Kg
Operating Temperature and Humidity	20°-25°C / 60%
Power Supply	AC 230 / 115 V / 50-60 Hz
Electrical Consumption	400W

## PC minimum requirements

Operating system	External PC included
Interfaces	1 USB port - 1 Ethernet TCP/IP port
Connectivity	1 active internet connection

## Additional Notes

The Technological Upgrade can be ordered separately for 3D printers manufactured before 04/01/2025 by contacting technical support. DW 028XLHR units produced after this date already include the upgrade as standard.